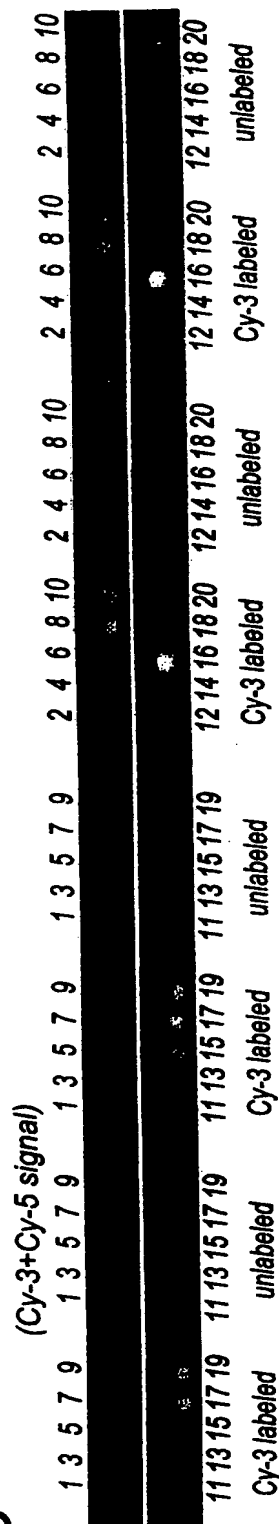
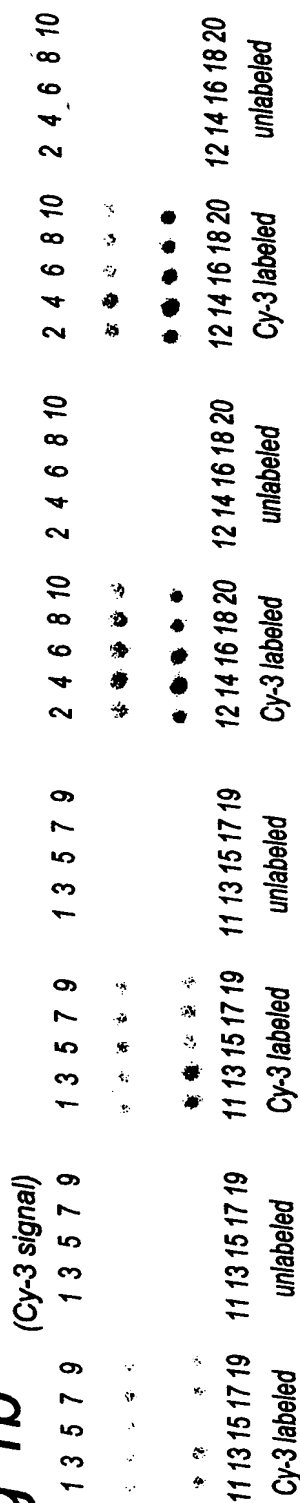


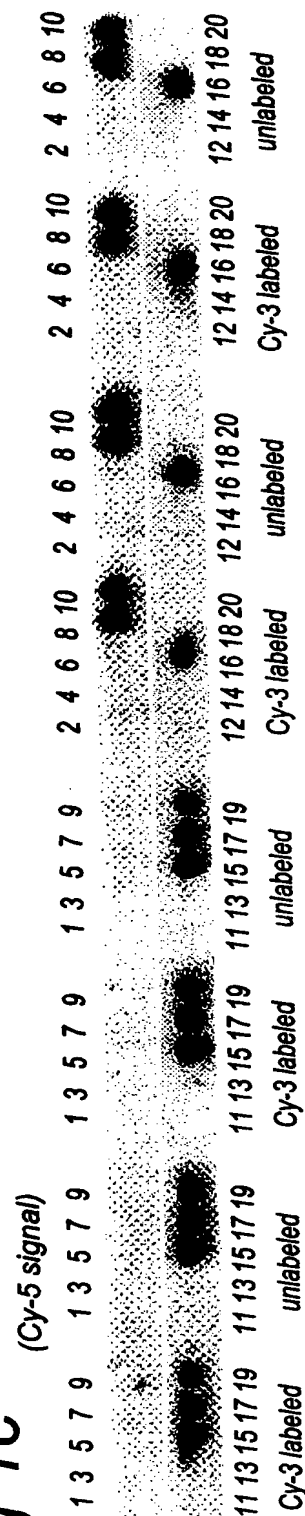
**Fig 1a**



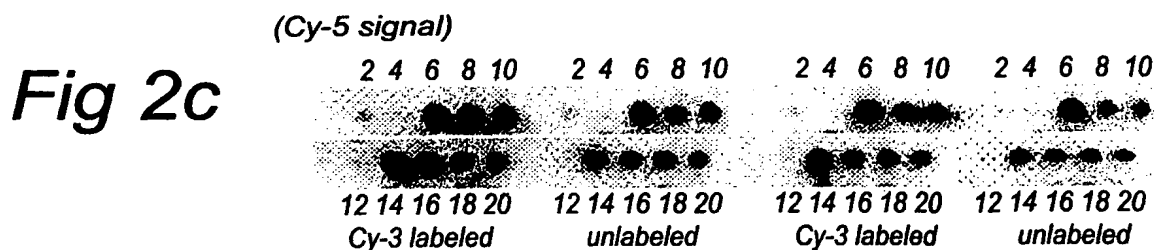
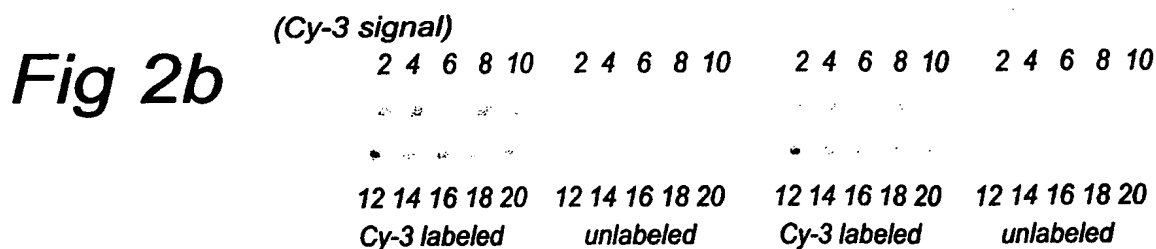
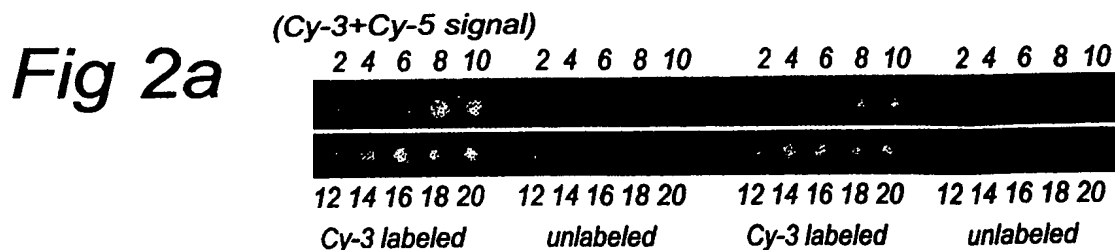
**Fig 1b**



**Fig 1c**

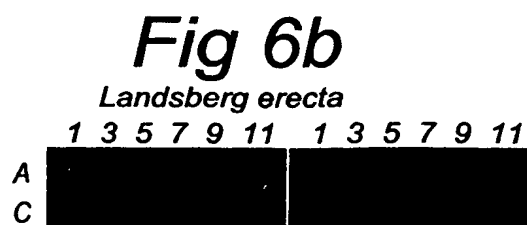
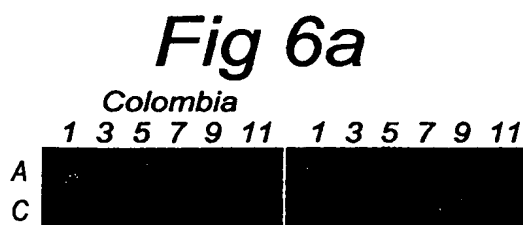
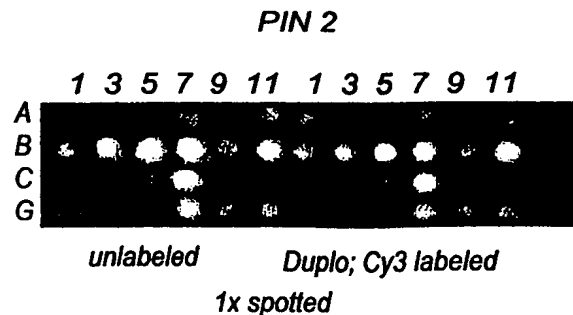
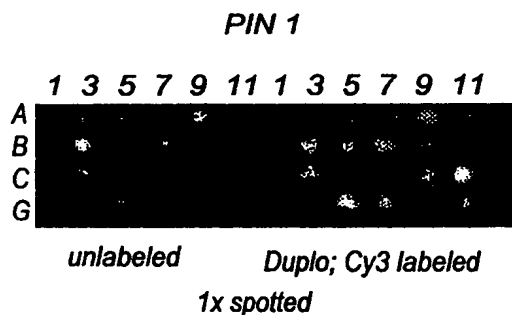


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## Fig 5

B73 and F2+2/+3 AFLP DNA's hybridized to 48 maize parental E33/M50 AFLP fragments



$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) \delta(x-a) dx = f(a)$

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**Fig 3a**

**(Cy-3+Cy-5 signal)**

13579 13579 13579 13579 246810 246810 246810



**Fig 3b**

(Cy-3 signal)

**13 5 7 9    13 5 7 9    13 5 7 9    13 5 7 9    2 4 6 8 10    2 4 6 8 10**



**Fig 3C**

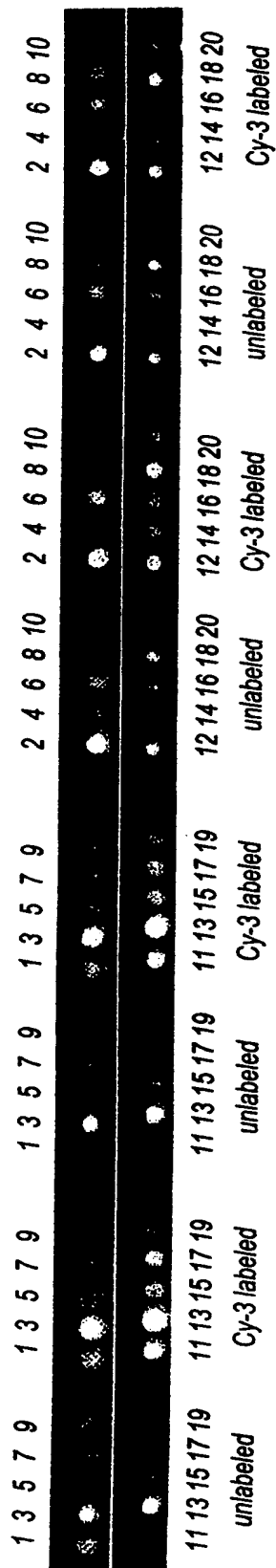
**(Cy-5 signal)**

[illegible]

	11 13 15 17 19	11 13 15 17 19	11 13 15 17 19	12 14 16 18 20	12 14 16 18 20	12 14 16 18 20
Cy-3 labeled	unlabeled	Cy-3 labeled	unlabeled	Cy-3 labeled	unlabeled	unlabeled

**SECRET**

**Fig 4a**  
(Cy-3+Cy-5 signal)



**Fig 4b**  
(Cy-3 signal)



**Fig 4C**  
(Cy-5 signal)

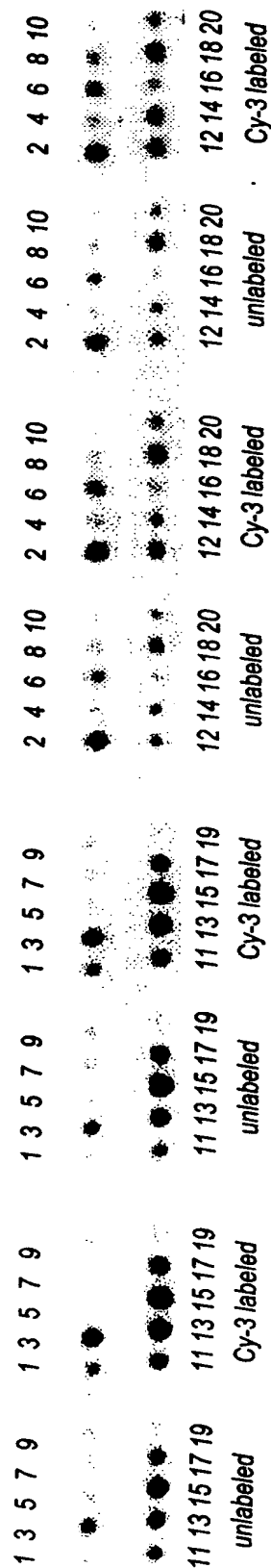


Fig 7a

Fig 7b

Fig 7c

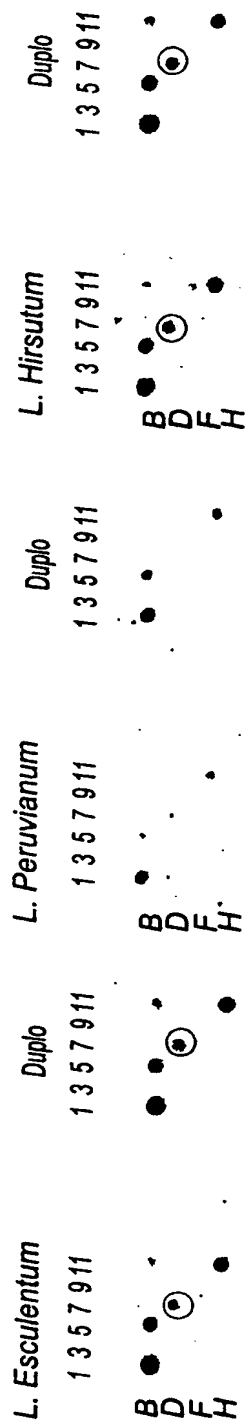
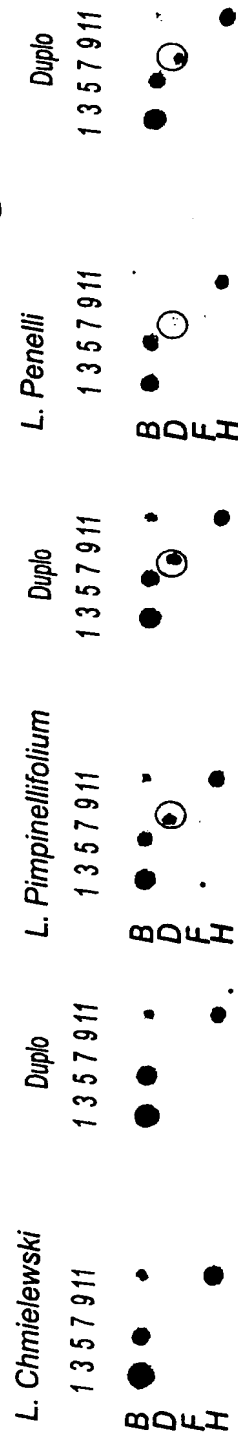


Fig 7d

Fig 7e

Fig 7f



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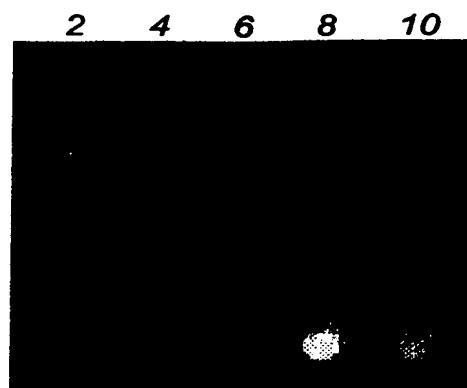
# Fig 8a

(Cy-3+Cy-5 signal)

Forward oligo's

Reverse oligo's

AFLP markers, Cy3 labeled



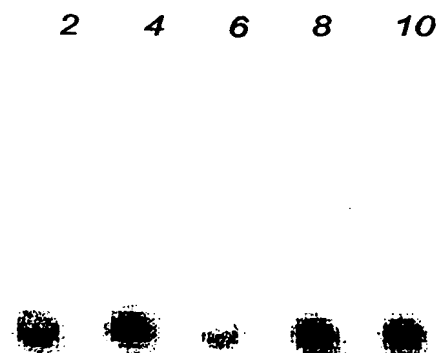
# Fig 8b

(Cy-3 signal)

Forward oligo's

Reverse oligo's

AFLP markers, Cy3 labeled



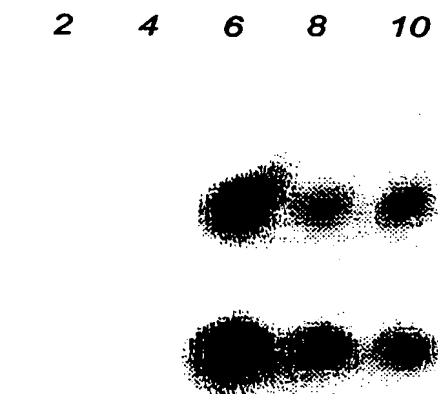
# Fig 8c

(Cy-5 signal)

Forward oligo's

Reverse oligo's

AFLP markers, Cy3 labeled



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**Fig 9a***4 related APC's of the EC EcoRI-MseI*

██████████- EcoRI-GAC	+	██████████- Mse-TCA
██████████- EcoRI-GAC	+	██████████- Mse-TCC
██████████- EcoRI-GAC	+	██████████- Mse-TCG
██████████- EcoRI-GAC	+	██████████- Mse-TCT

**Fig 9b***Simultaneous amplification with*

██████████- EcoRI-GAC	+	██████████- Mse-TC
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**Fig 9c***16 related APC's of the EC PstI-TaqI*

██████████- Pst-CA	+	██████████- TaqI-AGA
██████████- Pst-CA	+	██████████- TaqI-AGC
██████████- Pst-CA	+	██████████- TaqI-AGG
██████████- Pst-CA	+	██████████- TaqI-AGT
██████████- Pst-CC	+	██████████- TaqI-AGA
██████████- Pst-CC	+	██████████- TaqI-AGC
██████████- Pst-CC	+	██████████- TaqI-AGG
██████████- Pst-CC	+	██████████- TaqI-AGT
██████████- Pst-CG	+	██████████- TaqI-AGA
██████████- Pst-CG	+	██████████- TaqI-AGC
██████████- Pst-CG	+	██████████- TaqI-AGG
██████████- Pst-CG	+	██████████- TaqI-AGT
██████████- Pst-CT	+	██████████- TaqI-AGA
██████████- Pst-CT	+	██████████- TaqI-AGC
██████████- Pst-CT	+	██████████- TaqI-AGG
██████████- Pst-CT	+	██████████- TaqI-AGT

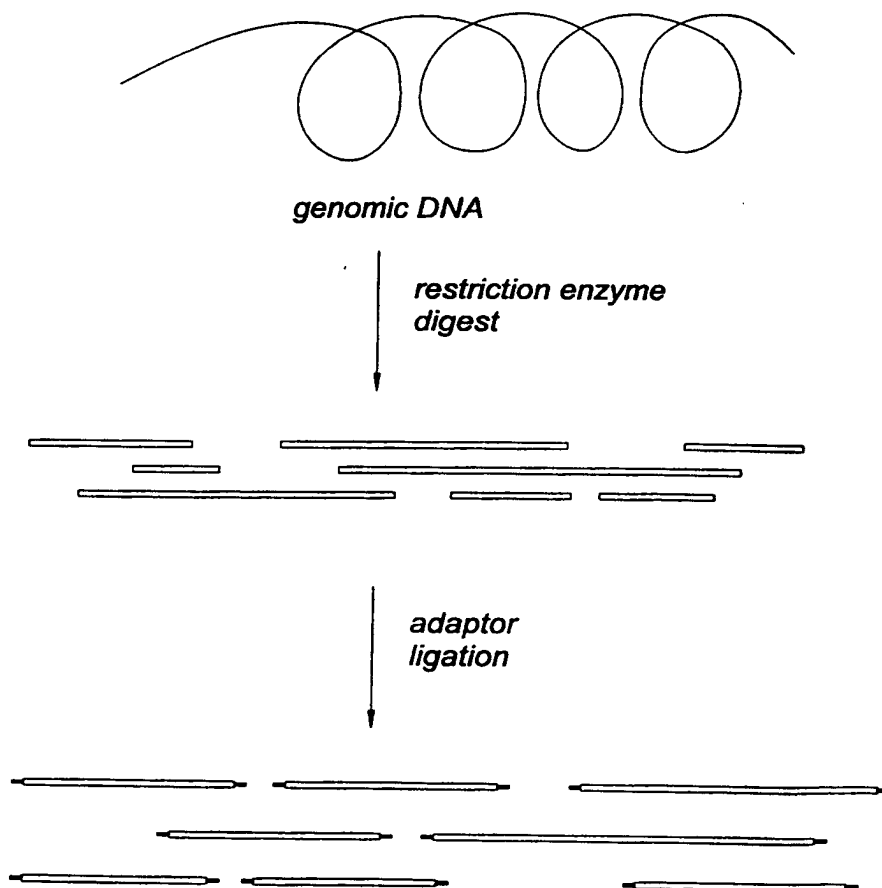
**Fig 9d***Simultaneous amplification with*

██████████- Pst-C	+	██████████- TaqI-AG
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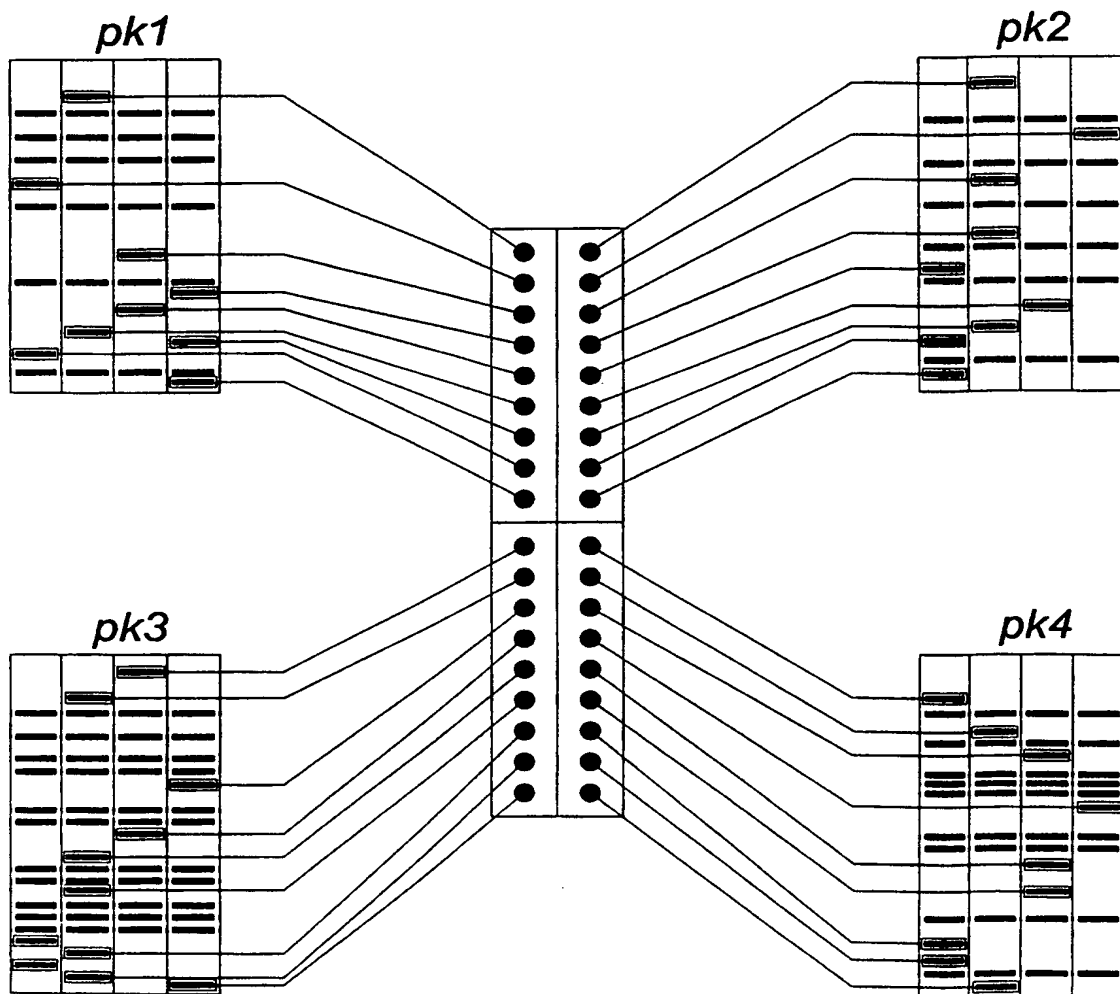
**Fig 10**

*preparation of AFLP template-DNA*





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*Fig 11*

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Fig 12

